1814. On inflammation



In making choice of this subject foil in flammation) it is not under an impression That I will add a single new fact or Thong to what has been already written on this obscure but interesting Subject. But with a view to fulfil one of the laws of this university and to become more acquainted and familiar with The nature and treatment of this Relies as being so intimately connected with The practice of Surgery I intended to have written an experimental piece where I determined on writing, but from The newpity of attending to my duty or an aprilant Tur grow in a navy Hospital and to such a Rumber of between I found it impracticable In writing on This habject I will be obliged to give some theory but my chief object will be The practical and more useful part I will here make a few remarks on the importance and neappity of attending har-- tienlarly to This hart of surgical practice What I afk will more certainly crown the most and skilful operator with success than a Knowledge of this Kind! without which that

confidence and formunes requisite for such operations, will to his mortification somer or later forsake him Who in a majority of important cases in Lungery can hope or reasonably expect to conduct his patients to a happy and succeptul if sue unlife he he acquainted with inflammation, and if he be unsucceeps : ful from This cause all his boasted and probably well founded claim to advoiting in operating will terminate in cifappointment and .. chagnin. but if he be in hopefrion of this arguin - site / information, if he be not able to prevent, which is always best, he will generally to able to extricate himself from The subsequent dificulties which may occur and by that mean conduct the sufferer safely this with honor & credit to himself and or Lurgery is to closely connected with the subject under discussions I Think This ought to be a sufficient induce - ment for Those who expect to be engagedon This kind of practice to be prepared to combat one of its most usual a frequently compan itants, which so often enclargers the flipe of the patient & for parcinges the Still and

I rice a strange last to will security a sele arrived the way from the second and the second s of the total find the first the west through was to the will the second of the second of the water and the second of the se The state of the s A secure on The order career of the regard and the state of the second to the second to

suputation of The operator this period too of our national existence demands of us much attention to this important subject, as being to closely concorn - we in The many accidents to which our to aldiery are daily and hourly exposed and also our Sailors Whose latour and exertions are so imperioufly de - manceed and peculiarly acevan tagious at This Trying time I Think they live fair to be our chief national safeguards and under this im -pression I hope Those who are engaged in The navy or Lurgeous will not omit: any thing which will acce to their comfort & longivity I am well convinces this part of Lurgical practice requires more of The projoured and mas turly operations of the mind. Than the merelope reation itself in at haft three out of four im por tant cases. a man who would willingly and outiberately undertake an important- Jurgicae operation without reasons. Superior to prejunice or interest, for supposing "imself qualified to incounter The subsequent. Symtom, would be very little better Than a murderer. Jet I believe cases may occur in which it would not only be fust but even a favor for temerity

and ignorance to step forward and by such operations make an attempt to rescue the sup-- Just from Threatening austruction, but no man in his homest and feeling senses will pretend to accessent These ran cases originating out of cureful necessity as a precedent for general provetice ofhose who trust exclusively to the power of The system in preventing and curing cisease when formed will no doubt be often foiled in This hopes and expectations. While Those again who think art sufficient to combat and cons - quer cissase under all its form. will not only be clisa phointed but even injurious, however I think left so than if he gave the cure who to nature althy no branch of musical science can be att of more proofs apparently. Than Juryey and would were appear to sapition a belief in an intelligent principle, for what other me name can we give to it. Than intelligence when after a fraction as in the patetta it produces ligament instead of bone when according to the natural order of things we ought to have bone but where bone would be incompatible with the function of the part

But it this were ad mittee & Hungs it would prove to much I consider all those boaster proofs in favor of the vi medication a much The abbect of timuli acting on excitability, a making and contraction the exect of mudular power or bision the effect of light active on. The healthy eye and in no part of the heating art is medical aid more requisite in preventing disease and regulating and curing it when invent Than in The practice of Surgery and particularly That part of it denominated inflammation. In mu mind tothe extreme as it respects the oblicace and in a tility of mature in curing diseases are talkerion and injurious in practice, it a strict attention to The human system and the disherent changes it undergoe, from The variety of causes acting on it will I Think constitute The best practical quice not only in this but in very form of diseased action and that there Things must be kept in view to prescribe wither scientifically or successfully -I have no his itation in Thinking and afterting too That The Theory and practice of inflammation

" tought in this hemeversely is the most



rational dissplu. and intelligible. That are now or have been langest in any medical Jehool who tiver, but to say we will never have more wreet ieua of it naturo and trea ment nouse be eurogatory to that stale of improvement which has so includely stamped the character of This University over all others of it, day and which now mark it progress in the science of medicine. Offer present simple and accurate fabric of Jurgery no doubtless been winished with a very largo portion of its materials, from the derutinizing a original mind of The present professor of Surgery, by him Jurgery has been rationally stripped of much su per blisty and humanely robber of The largeft share of its cruelty & torture for which The puter " commention and inture generations ought and I hope will feel That warm and liberal those of grate twee which becomes the human character -I thall now proceed to define and devide my subject. By intlammation I man That state of a just in which there is more reduces, Summe actions, pain & has Than natural in a healthy tate of Thinas.



This division may be very property divided into 14 tourses 29 its syntomy one 34th Termen actions and This Treatment In speaking of inflamma stion I shall continu my observations interely to what no seen called healtry not depending on wither depravity or peculiarity of constitution In treating of this form of disease I shall hunhosely a voice entering into an investigation of this opinion and practice of the ancienter which were to say the least of There very correct in many instances both or to The nature and cure of my object will be to pursue the plan which I aum most correct and useful of the causes of inflammation whatever distroy, a due proportion between the power and action of a hast either by it force or curation with in a majority of cases be productive of inflam mation, but varied in argue by the force or auration of The causes. which commonly prosmuch this effect. The cause from action ainde Themselves into Those which Timulate or heat and the autitacient generally and into those which act muchanically or wounds, bruise, be as Those which produce intermedian by a istraction



are cold and com irespione, to such a signer as to present the circulation of Heises this parts which supered on their to their titality and mouriffe ment I that not under take an explanation of the moder operands of each remote anden citing of inflammation, because I think this me there my sort table or practicable, and there we I wave This impoterious and herewlean tafk and only adoc Fiat I consider the human body a en chain a circle made up of man links and to Treat this as well as every of her form and grade of deseate with a tolerable chance of success, we must altered to the nature of the home at til on, the nature of the cause reting with an attention to the violence and cluration of the ower acting, and the different grade of one tion produced in This process, and then to be requelated by The State of the system in preserviting for in liammations, who there faction or yourse after These bear throst am I Hink cornel a mark on this suffict demile ment take notice of the "portran who seem ale attenuant on in lam me time and what I wepper to be This most intable cause. The ref is the ist tom time to be considered. It is a hour to



to defend on Two causes I on an increased wetton in the refresh of the hort which circulate nece blood and 2. on an increased size in home repose Which in a ratural state trans mit tymph but in this excited thate permit ned those to pass they There, constituting what is earled an error loci of un blood. I infer That an increased and not a diminifice action of The part wish from The nature and well Known effects of the remedie which are where with buth Luck from ht and desided ravantage in the list lage of intlan mater, Such as blueling locally a generall hunging, ena, rest danore by posture which last more I consider a d'incies of direct regulation and of yreat in tatance me efficace in "weilitating The cure it intlammention when hater in The extremities and often time. The only Mind of de ple ton we werkantable in the wines. You Second by mutom is tume: faction this appears to be brosened by a on position of caquelable by up and some times become together with an enlarge ment of the repel, in The in disease



in since syn in a have the has were a centify in plaine by aifferent writers, to me make it to defend on a moder that of the morves to an estio ha the ymstom. While others contino that I de end you turne but tion or a ymto make unitom That tume faction man increases or aggravate Luch a by inton an not veis losed to very attographer, her . That I do not believe This to be the French are in 1: Willowing reason. We often see pain of a you we can to and diffre from hend without the liaf swelling a, in Tie boulevreux and on The other hand we often few much swelling without - pain a in many of The tarcoma Now and the toma low to move and laftly, The air and tumedaction in many violances so not bear the proper relative proportions to each offer of think it is a marior thate it to more or rather. The result of the same morbice action which produces in ned supt turne faction and not a symtom of a sy me torse which regene to rather as a love tuitous Than a well founder ouse consider and the abstraction of bleaser



and "leasure and health dehines" on our proportion of hower and action and consequent by whatever distroys this one hoportion will I think produce in some degree hair, which however, will defind on the violence and love of The causes procuring The diseases actions rade in flammation, this motion action is what I suppose to be The true cause of- hain and what I believe is analogous to what is denominated a morbed state of the new vous sustain made mention of by do nice were toy. The fourth ty motor generalle take taken notice of is heat and till wim Juntery Time This was universally accomitted but from some capirements made by these rare man, the fact to long token for gran led, is quite problematical with me, altho I was accidently with the mullitude tile scare fully, his experiments made to left The buth or talse trood of this opinion rad a this roin! est the very leterable processes I will not al tempt an explanation of its mean operance The four seation ought always to be well this in it raising of the super structure



I will now alle ento consideration The terminations and treatment of inflower too inflammation uneur four different stages which are generally distinctly marked. The is is not always the case That these four grades buccus each other in the order I shall speak of theme I shall for convenience divide These into The following order. 1" achievose & Resolution 3 yuppuration and 4 hygangrine authosion This appears to be the most sim= The and useful form of disease and one of the principle and most powerful cursis vary fornished by nature to The art of Surgery. This proces has for its object the reproduction of party when destroyed as in contused wounds and large abscepts or The reservior of party when separated as in lacerated wounds of the scalp and simple. incised wounds of dillerent lasty and These two apparently different functions one expected by the same agent vez coug ulable lymph, which after it is thrown our uts on the torn of bone tender or muscle



on the recessity of the case requires trations however priquently doe , too little or too much and here. The how of art is requisite to regulate here It is very wicount- That then wa quelable lymph must under yo some change to bes- if for this important her hose but What This is I believe none are able to lett but this very obscure and intricate cause, has bun explained by supposing That is undergoes a precediar change. This I concine to be no explanation atale but muchy the apertion sta teet, and tortunately her us the trices nature of this as will a: many hanges which take place, is not epential to the treatment of this and many of her borns of disease with succep, by attending to the state of the system or hard and fearn if practicable whether there be too much or loo little action and to prescribe our remedies accordingly, I believe we will generally inactice correctly The remotion for too much action are local and general as the necessity of the case may dimand local remedies are however of him relves sufficient for the management cases of This grade, by should be cup.



weher. rest and posture when macheable 10 m lines. with pregorific mixtures prequently applied to The part, if These will not answer a bligter is ment to be laid over the hart. and this will generally answer, but should the with The others prove ineffectual we must Then attempt to relieve the part at the expense of The whole system. by bluding purging and low creet, using at the some time the local remedies particularly The blister which I consider an epse agmen in local inflammation. I will tutt observe that purging oneght not 6 be neglected while using the locace means should The yentoms buther mits or violent welly the motion given by such measure in their operation would by initating the part affected be more infrarious than Just medicina would be use feel on the other hand when The action is too work for the reproduction and russion of parts our plan of treatment must be vice versa, with the exception of the blister which a present to ropely a two - fold wirter It solution I Think will be very properly stroken of after achision or being the hincipal



and necessary agent in removing the super Muous matter which is frequently left after this procep of achesion is over. The mere Rimulus of This matter is often sufficient to excite The absorberty to This salutary of sice withour The interference of art, the process of resolution is performed for The most hart by The hower and agency of the absorbenty. This like achesion may suffer the same irregularities sometimes This Stage transcenses The bound of resolution and Theseting disorganization or suppuration him we must have measure not only to The bear but general resulties a blistning bluding purging rest and posture sust as in a a herror Where in a Limitar state and which has been already spoken of when The absorbents are too fuble we must excite Hum to action by stimulating applications and him again the blister claims a two fold virtue Resolution is sometimes produced by ahemourhay. from the part. The moder operance of this was evidently depends on a direct cuple tion or emptying the blood refsels of The part, a soon on of serum appears to answer the same



more and This I Think is effected by thing relieving The parts of that tention which is always une favorable to resolution where the action is too great, posture in the all stages of high must not be neglected when There Whose of its being useful, it appears to au your in This stage of in flammation by lepen. sing the me momentum and consequently The quantity of blood which circulate Thro, the part in a given share of time and by then Resping under the circulation we will have the absorbert in a more active Hate when we wift to expect our object tho, this agency, But not withstanding, all These Means will sometime prove un a vailing, and the you to my of suppuration become more and more olion, and inevitable, altho the whistance of the rightoring is attempted by That important and wonder ful ion I the animal Oromony "weominated you patien in they must be cumb a victim to a raging tyrant on man give rathe becording that suppuration Il take ilace non an agginvation of all we sympome of indesermation connection



a notent incomber or a region to an iner con constances to pusist in The use of those remeding Which had for Their object resolution would be with ornel and unreasonable. When we know That this third tage it inflammation has actually taken flace and the following sym. Toms will generally be sufficient to decide us in un wagnosis between the and and offer a , and an abotement of all the dyn toms above (un merates together with a soft ful and sense to weight and a change of color from a red to a hallow appearance. in this situation two moder of proceedure present Themselves wither to wait the & bor benty make an orening ne no the same with the caustie or lances in making choice of the two last mentione s aus. We are is be governed in some masure by The wifher of our hatered. Let it we are have the literary of nociding we should always give the preference is The courties (and). in waiting for the tedious but Line operation of the abon bents, we mus! be requelated to I'm improve tance of the a flection or commende on to end the excets of Juck collection of " The complete to los



I le we have determined on and made the opening our list application while there is existing in lam ma tion and hard neft will be a houltier of breace and milk The time perature of which should be regulated be " reling of our patients, when gramulation have buly begun and the purulent vischange begin to cummiffe a little, then our best applica trons well be lint and vimple cerate Toge The with handages and adhesive plaster I will notice in The last place Those termina Tion denominate gangrene and mortific cation or The elying and weath of a part Whis like very other form of cirran, may a included by too much or too little action and I understand. This as being analogous to That but, on with or without previous intle m ma tron othe precursor of a gange were state are a leader color of the harts in the an increased pain and Sinsibility The two last disting wish it particularly from mortilication. The state of gan grene I believe in all cases is a time cursase of cutility the the . The locase 12 C. hom action er abstraction



When the ganguene ixists of a lead orinan while in System is just and regarded our plan of treatment must indenting to to steinweight iceally and de pelo querally and by that means we will pretent the sident action of the i ione reptim hom anther willitation the nort already too much wakened or rather to whe hie worder of the late colletia led and ingenious siett we must plumb the reptine when this is our object the remedies no to divious to be repeated I will have in not omes 's name the Blester a a wood remeny Supina to all strong and ought wire to be fungotten in our practice in such case. I'm this your re now Hate or distrollier wist, more a a fear rai after tiene not must of course face recourse to such "umeries as well act on the whole uplane a well a local timestants. such a wone book and most of the ciafi of remulants on the all you rist in life a tion, to a grownly known by en notice late it instation a very morn surden our fack of metion and an elevan boro of the culicus in more me the cause her produced sie in of a former of



inflam motion will produce mortification only to be varied in force or duration; from that which insurein the other forms can plan of treatment in mortification is to attend to the Tate of The system and prescribe according Ely in order to arreft The farther progress it This = toute asid action and to Macililale The sloughing of the dead fortion a. This or live the seed cannot be acted on by the application made to it, to prince has husereefs is to keek the party in a moess and comfortable state by the use of mile oulties and prevent it becoming hand & irritating to the party of sinsibility com - meeter with The dead portion, should it to very letice to the hatient or the asterigenty This may be relieved in a great measure by the charcoal poulties and also the bank foulties I will more conclude this thout and very imperfect espay by ma - King a few remarks on the worse enti-- replie as generally used by medica writers office affords a very striking proof how very more we me to perfuluce on the way of see In cestory wither from to much



prevation or inathertow and not from ignorance. I am not willing to contest that. we now use The worse antisaptic hornig= morance because the one will now accomit-of the future state of The living systems Whence The term originatio and or they Knew no better it was proper or There to use it for the exprepion of such a belief and it we will not now account of such a cause and home very good reasons I Think The terme itself reight also to be improper at liast as far as is respect the living Thurn an body What is meant by anti suplies? Luch medicines as husent putri action. as this cannot take place in the living human body it Then must be such micicines or prevent weath, too This is absolutely necessary before such " weific medicines can be prescribed with any degree of propriety or This particular -lar state of the living body. This now however no one will accordate well how do those antiscoption prevent acception by giving tone to the sustain when it too weast and abstracting to un to



hysteria is too highly exected and more ? aft what medicing where presented with a our regard to the state of the susters will not processes these Meets? I know of more but will directly or indirectly procure one or The others of There Meet I am very cuitacu That the iances & That will have a powerful claims to the presention of death a, the two youar heroes of the antiseptic class and ew . I believe would writing to call there an tisesptie remedies as The im provement of very science cupines on The use of terms appropriate and her Spice our in Their meaning I think it is high time for us to reject hom our Science Those which are not to but on the contrary time to obscure and intangle The truth. I grant the term may be used with some pretention to a meaning of this Kind where applie to dias animal matter but not other winight are to 81's junio









